



U.S. Department  
of Transportation

Pipeline and  
Hazardous  
Materials Safety  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

AUG 23 2005

DOT-E 9672  
(EIGHTH REVISION)

EXPIRATION DATE: July 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Albemarle Corp.  
Baton Rouge, LA
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of certain Division 4.2 and Division 4.3 hazardous materials in an MC 330 or MC 331 cargo tank with a filling/discharge opening that does not have a remote self-closing internal valve. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 178.337-8(a)(3) in that the cargo tank does not have a remote self-closing internal valve.
5. BASIS: This exemption is based on the application of Albemarle Corporation dated July 26, 2005 submitted in accordance with § 107.109.

AUG 23 2005

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
<i>This entry may be used until January 1, 2007</i>  Aluminum alkyl halides	4.2	UN3052	I
<i>This entry may be used until January 1, 2007</i>  Aluminum alkyls	4.2	UN3051	I
<i>This entry may be used until January 1, 2006</i>  Organometallic compound solution, flammable, n.o.s.	4.3	UN3207	I
Organometallic substance, liquid, pyrophoric, water- reactive (Aluminum alkyls)	4.2	UN3394	I
Organometallic substance, liquid, pyrophoric, water- reactive (Aluminum alkyl halides)	4.2	UN3394	I
Organometallic substance, solid, water-reactive, flammable	4.3	UN3396	I
Organometallic substance, liquid, water-reactive, flammable	4.3	UN3399	I
Organometallic substance, solid, pyrophoric, water- reactive	4.2	UN3393	I
Organometallic substance, liquid, pyrophoric, water- reactive	4.2	UN3394	I
Pyrophoric liquid, inorganic, n.o.s.	4.2	UN3194	I
Pyrophoric liquids, organic, n.o.s.	4.2	UN2845	I

AUG 23 2005

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
<i>This entry may be used until January 1, 2006</i>			
Pyrophoric organometallic Compound, water-reactive, n.o.s.	4.2	UN3203	I

7. SAFETY CONTROL MEASURES:

a. Packaging prescribed is an MC 330 or MC 331 cargo tank without a remote self-closing internal filling/discharge valve. The filling/discharge connection is external to the tank and located in a recessed well on the top of the cargo tank.

b. Loading and unloading of cargo tanks is restricted to those facilities having loading stations that are equipped with an actuated valve (fail closed) as shown on Texas Alkyls, Inc. DRW. No. SK - 114 G, or to cargo tanks equipped with an actuated valve (fail closed) arranged as shown on Ethyl Corporation Drawing No. 8802, Alkyl Trailer Dome.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. Drivers must have been instructed as to the necessary safeguards and procedures in the event of unusual delay, fire or accident.

d. Each cargo tank must be reinspected and retested once every 5 years in accordance with § 180.407 as prescribed for a DOT specification MC 331 cargo tank.

AUG 23 2005

e. Each cargo tank must be plainly marked on the right side near the front, in letters two inches high on a contrasting background, "DOT-E 9672".

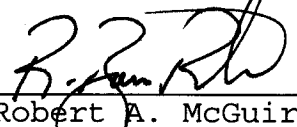
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this exemption are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports.

In addition, the grantee(s) of this exemption must notify the Associate Administrator for Hazardous Materials Safety - OHMEA, in writing, of any incident involving a package, shipment or operation conducted under terms of this exemption. No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

Issued in Washington, D.C.:

  
\_\_\_\_\_  
Robert A. McGuire

For Associate Administrator for  
Hazardous Materials Safety

**AUG 23 2005**  
\_\_\_\_\_  
DATE

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: CS